

Landfill Gas Migration Monitoring Data Form

Year: 2015

Quarter: 2nd



Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Facility: **Wayne County Landfill**

Permit number: **96-01 and 96-06**

Name & position of sample collector: **M. Abbott, Environmental Technician**

NC landfill rule (.0500 or .1600): **0.0500 and .1600**

Type & serial number of gas meter: **GEM2000, GM11206**

Calibration date of gas meter: **2/25/2015**

Date and time of field calibration: **5/28/2015 at 8:00am**

Expiration of calibration gas: **August 2016**

Type of field calibration gas (15/15 or 35/50): **15/15**

Pump rate of gas meter: **300 CC/min.**

Date of sampling: **Friday, May 28, 2015**

Ambient air temperature: **80°F**

General weather conditions: **clear**

Barometric pressure: **see below**

Location or LFG Well ID	Time Stabilized Reading Collected	Sample Tube Purge	Time Pumped (seconds)	Initial %LEL	Stabilized %LEL	% CH4 by Volume	% O2	% CO2	Barometric pressure (inches Hg)	Notes
Scales-1	10:35:29 AM	60	60	0	4	0.2	18.8	0	29.7	
WCL-MP25	9:31:13 AM	60	60	0	>>>>	11.5	3.3	18.7	29.98	exceeded rule limits, though not a property boundary well
WCL-MP26	10:24:08 AM	60	60	0	80	4	17.5	3.1	29.98	
CH4-Bldg	10:09:47 AM	60	60	0	0	0	21.4	0.1	29.78	
WCL-MP17	11:24:48 AM	60	60	0	0	0	17.9	3.6	29.77	
WCL-MP18	11:26:31 AM	60	60	0	0	0	8.4	10.2	29.77	
WCL-MP19	11:30:22 AM	60	60	0	0	0	10.7	6.2	29.77	
WCL-MP05	4:13:09 AM	60	60	0	0	0.2	20.1	1.5	29.7	
WCL-MP06	4:20:49 AM	60	60	0	0	0	21	0.8	29.7	
WCL-MP20	4:47:02 AM	60	60	0	0	0	21	0.3	29.67	
WCL-MP21	H2O									

A drawing showing the location of test must be attached to this form.

Certification: To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Melissa Abbott
Signature

Environmental Technician
Title

(Adapted from NCDENR, DWM, Solid Waste Section's "Landfill Gas Monitoring Guidance" dated November 2010.)

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Facility: **Wayne County Landfill**

Name & position of sample collector:

M.Abbott, Environmental Technician

Type & serial number of gas meter:

GEM2000, GM11206

Date and time of field calibration:

6/2/2015 at 8:15 am

Type of field calibration gas (15/15 or 35/50):

15/15

Permit number: **96-01 and 96-06**

NC landfill rule (.0500 or .1600): **0.0500 and .1600**

Calibration date of gas meter: **2/25/2015**

Expiration of calibration gas: **August 2015**

Pump rate of gas meter: **300 CC/min.**

Date of sampling:

6/2, 8 & 26/2015

General weather conditions:

clear

Ambient air temperature:

80°F

Barometric pressure:

see below

Location or LFG Well ID	Time Stabilized Reading Collected	Sample Tube Purge	Time Pumped (seconds)	Initial %LEL	Stabilized %LEL	% CH4 by Volume	% O2	% CO2	Barometric pressure (inches Hg)	Notes
Hut--WGs	10:07 AM	60	60	0	0	0	19.9	0.1	29.74	
WCL-MP04	10:12 AM	60	60	0	0	0	19.7	0.1	29.77	
ConvBldg	10:16 AM	60	60	0	0	0	19.7	0.1	29.75	
WCL-MP11	10:23 AM	60	60	0	0	0	19.6	0.1	29.74	
WCL-MP07	10:55 AM	60	60	0	0	0	18.3	10	29.77	
WCL-MP13	11:09 AM	60	60	0	0	0	20.2	0.5	29.73	
WCL-MP29	5:49 AM	60	60	0	0	0	18.8	1.6	29.85	
WCL-MP28	5:56 AM	60	60	0	0	0	20.3	0.5	29.87	
WCL-MP27	6:01 AM	60	60	0	0	0	20.1	0.8	29.87	
WCL-MP01	6:16 AM	60	60	0	0	0	20.5	0.2	29.86	
WCL-MP15	6:21 AM	60	60	0	0	0	18.8	2.4	29.86	
WCL-MP14	6:31 AM	60	60	0	0	0	13.8	2.3	29.86	
WCL-MP10	6:36 AM	60	60	0	0	0	20.1	0.4	29.84	
ShopBkrm	3:59 AM	60	60	0	0	0	20.4	0	29.71	
ShopGarg	4:00 AM	60	60	0	0	0	20.4	0	29.71	
ShopShop	4:02 AM	60	60	0	0	0	20.4	0	29.71	
Scales-2	4:07 AM	60	60	0	0	0	20.4	0	29.71	
WCL-MP09	4:13 AM	60	60	0	0	0	20	0	29.71	

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